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SHARP 13L-M100B PARTS LIST

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Service Manual

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SHARP

SERVICE MANUAL

S79L613LM100B

COLOR TELEVISION

MODELS

13L-M100B 13L-M150B
19L-M100B 19L-M100BS
20L-S100BS 25L-M180B
25L-S180B 27L-S180B
32L-S400B 36L-S400B

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

OUTLINE

- This Service Manual covers the modifications that have been made for the V-CHIP function.
- Servicing procedures are referred to in the Service Manual for each basic model.

	MODEL	BASE MODEL
1.	13L-M100B	13L-M100
2.	13L-M150B	13L-M150
3.	19L-M100B	19L-M100
4.	19L-M100BS	19L-M100S
5.	20L-S100BS	20L-S100S
6.	25L-M180B	25L-M180
7.	25L-S180B	25L-S180
8.	27L-S180B	27L-S180
9.	32L-S400B	32L-S400
10.	35L-S400B	36L-S400

SHARP CORPORATION

This document has been published to be used for after sales service only.
The contents are subject to change without notice.

LIST OF CHANGED PARTS

Ref. No.	Description	Current (13L-M100/150)	New (13L-M100B/150B)	Note
■ PRINTED WIRING BOARD ASSEMBLIES				
PWB-A	Main Unit	DUNTK9529WEW1	DUNTK9529WEX3 (13L-M100B)	
			DUNTK9529WEX1 (13L-M150B)	
■ MAIN UNIT				
IC2001	I.C	RH-iX3256CEZZ	RH-iX3297CEZZ	
IC2101	I.C	VHiM24C01B/-1	VHiM24C16B/-1	
L2040	Coil	RCiLB0159CEZZ	RCiLB0131CEZZ	
■ SUPPLIED ACCESSORIES				
	Operation Manual	TiNS-6571PEZZ	TiNS-6705PEZZ	
	Rod Antenna	QANTR0022PEZZ	–	Abolished
■ PACKING PARTS				
	Packing Case	SPAKC6502PEZZ (13L-M100)	SPAKC6529PEZZ (13L-M100B)	
		SPAKC6503PEZZ (13L-M150)	SPAKC6530PEZZ (13L-M150B)	

Ref. No.	Description	Current (19L-M100/100S)	New (19L-M100B/100BS)	Note
■ PRINTED WIRING BOARD ASSEMBLIES				
PWB-A	Main Unit	DUNTK9529WEW6 (19L-M100)	DUNTK9529WEX2 (19L-M100B)	
		DUNTK9532WEV4 (19L-M100S)	DUNTK9532WEW7 (19L-M100BS)	
■ MAIN UNIT				
IC2001	I.C	RH-iX3256CEZZ	RH-iX3297CEZZ	
IC2101	I.C	VHiM24C01B/-1	VHiM24C16B/-1	
L2040	Coil	RCiLB0159CEZZ	RCiLB0131CEZZ	
■ SUPPLIED ACCESSORIES				
	Operation Manual	TiNS-6563GJZZ	TiNS-6706GJZZ	
■ PACKING PARTS				
	Packing Case	SPAKC0004GJZZ	SPAKC0113GJZZ	

Ref. No.	Description	Current (20L-S100S)	New (20L-S100BS)	Note
■ PRINTED WIRING BOARD ASSEMBLIES				
PWB-A	Main Unit	DUNTK9532WEV7	DUNTK9532WEW8	
■ MAIN UNIT				
IC2001	I.C	RH-iX3256CEZZ	RH-iX3297CEZZ	
IC2101	I.C	VHiM24C01B/-1	VHiM24C16B/-1	
L2040	Coil	RCiLB0159CEZZ	RCiLB0131CEZZ	
■ SUPPLIED ACCESSORIES				
	Operation Manual	TiNS-6566GJZZ	TiNS-6707GJZZ	
■ PACKING PARTS				
	Packing Case	SPAKC0005GJZZ	SPAKC0112GJZZ	

Ref. No.	Description	Current (25L-S180/M180)	New (25L-S180B/M180B)	Note
■ PRINTED WIRING BOARD ASSEMBLIES				
PWB-A	Main Unit	DUNTK9806WEK3 (25L-S180)	DUNTK9806WEL8 (25L-S180B)	
		DUNTK9806WEK1 (25L-M180)	DUNTK9806WEL7 (25L-M180B)	
■ MAIN UNIT				
IC2001	I.C	RH-iX3256CEZZ	RH-iX3297CEZZ	
IC2101	I.C	VHiM24C01B/-1	VHiM24C16B/-1	
L2040	Coil	RCiLB0159CEZZ	RCiLB0131CEZZ	
■ SUPPLIED ACCESSORIES				
	Operation Manual	TiNS-6551MEZZ (25L-S180)	TiNS-6678MEZZ (25L-S180B)	
		TiNS-6549MEZZ (25L-M180)	TiNS-6677MEZZ (25L-M180B)	

Ref. No.	Description	Current (27L-S180)	New (27L-S180B)	Note
■ PRINTED WIRING BOARD ASSEMBLIES				
PWB-A	Main Unit	DUNTK9806WEK5	DUNTK9806WEL9	
■ MAIN UNIT				
IC2001	I.C	RH-iX3256CEZZ	RH-iX3297CEZZ	
IC2101	I.C	VHiM24C01B/-1	VHiM24C16B/-1	
L2040	Coil	RCiLB0159CEZZ	RCiLB0131CEZZ	
■ SUPPLIED ACCESSORIES				
	Operation Manual	TiNS-6553MEZZ	TiNS-6679MEZZ	

Ref. No.	Description	Current (32/36L-S400)	New (32/36L-S400B)	Note
■ PRINTED WIRING BOARD ASSEMBLIES				
PWB-A	Main Unit	DUNTK9829WEK0 (32L-S400)	DUNTK9829WEK6 (32L-S400B)	
		DUNTK9829WEK1 (36L-S400)	DUNTK9829WEK7 (36L-S400B)	
■ MAIN UNIT				
TU51	Tuner	VTU115B8035AT or VTU115B8025AM	VTUVTST5UF78S or VTU115B8035AH	
IC2001	I.C	RH-iX3256CEZZ	RH-iX3297CEZZ	
IC2101	I.C	VHiM24C01B/-1	VHiM24C16B/-1	
L2040	Coil	RCiLB0159CEZZ	RCiLB0131CEZZ	
■ SUPPLIED ACCESSORIES				
	Operation Manual	TiNS-6559MEZZ	TiNS-6681MEZZ	

PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual; electrical components having such features are identified by ⚠ and shaded areas in the Replacement Parts Lists and Schematic Diagrams. The use of a substitute replacement part which dose no have the same safety characteristic as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION

in **USA**: Contact your nearest SHARP Parts Distributor to order. For location of SHARP Parts Distributor, Please call Toll-Free; 1-800-BE-SHARP

★ MARK: SPARE PARTS-DELIVERY SECTION

▲ MARK: X- RAY RELATED PARTS

Ref. No.	Part No.	★	Description	Code

PRINTED WIRING BOARD ASSEMBLIES
(NOT REPLACEMENT ITEM)

PWB-A	DUNTK9529WEX1	–	Main Unit (13L-M150B)	—
PWB-A	DUNTK9529WEX3	–	Main Unit (13L-M100B)	—
PWB-A	DUNTK9532WEW7	–	Main Unit (19L-M100BS)	—
PWB-A	DUNTK9529WEX2	–	Main Unit (19L-M100B)	—
PWB-A	DUNTK9532WEW8	–	Main Unit (20L-S100BS)	—
PWB-A	DUNTK9806WEL8	–	Main Unit (25L-S180B)	—
PWB-A	DUNTK9806WEL7	–	Main Unit (25L-M180B)	—
PWB-A	DUNTK9806WEL9	–	Main Unit (27L-S180B)	—
PWB-A	DUNTK9829WEK6	–	Main Unit (32L-S400B)	—
PWB-A	DUNTK9829WEK7	–	Main Unit (36L-S400B)	—

PWB-A: DUNTK9529WEX1(13L-M150B)
PWB-A: DUNTK9529WEX3(13L-M100B)
MAIN UNIT

INTEGRATED CIRCUITS

IC2001	RH-iX3297CEZZ	J	I.C.	BA
IC2101	VHiM24C16B/-1	J	I.C.	AG

COIL

L2040	RCiLB0131CEZZ	J	Oscillation Coil	AE

PWB-A: DUNTK9532WEW7(19L-M100BS)
PWB-A: DUNTK9529WEX2(19L-M100B)
MAIN UNIT

INTEGRATED CIRCUITS

IC2001	RH-iX3297CEZZ	J	I.C.	BA
IC2101	VHiM24C16B/-1	J	I.C.	AG

COIL

L2040	RCiLB0131CEZZ	J	Oscillation Coil	AE

Ref. No.	Part No.	★	Description	Code

PWB-A: DUNTK9532WEW8(20L-S100BS)
MAIN UNIT

INTEGRATED CIRCUITS

IC2001	RH-iX3297CEZZ	J	I.C.	BA
IC2101	VHiM24C16B/-1	J	I.C.	AG

COIL

L2040	RCiLB0131CEZZ	J	Oscillation Coil	AE

PWB-A: DUNTK9806WEL8(25L-S180B)
PWB-A: DUNTK9806WEL7(25L-M180B)
MAIN UNIT

INTEGRATED CIRCUITS

IC2001	RH-iX3297CEZZ	J	I.C.	BA
IC2101	VHiM24C16B/-1	J	I.C.	AG

COIL

L2040	RCiLB0131CEZZ	J	Oscillation Coil	AE

PWB-A: DUNTK9806WEL9(27L-S180B)
MAIN UNIT

INTEGRATED CIRCUITS

IC2001	RH-iX3297CEZZ	J	I.C.	BA
IC2101	VHiB24C16B/-1	J	I.C.	AG

COIL

L2040	RCiLB0131CEZZ	J	Oscillation Coil	AE

PWB-A: DUNTK9829WEK6(32L-S400B)
PWB-A: DUNTK9829WEK7(36L-S400B)
MAIN UNIT

TUNER

NOTE : THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

⚠	TU51	VTUVTST5UF78S or VTU115B8035AH	M	Tuner	AX

INTEGRATED CIRCUITS

IC2001	RH-iX3297CEZZ	J	I.C.	BA
IC2101	VHiM24C16B/-1	J	I.C.	AG

COIL

L2040	RCiLB0131CEZZ	J	Oscillation Coil	AE

Ref. No.	Part No.	★	Description	Code

SUPPLIED ACCESORRIES

	TiNS-6705PEZZ	R	Operation Manual (13L-M100B/150B)	AD
	TiNS-6706GJZZ	X	Operation Manual (19L-M100B/100BS)	
	TiNS-6707GJZZ	X	Operation Manual (20L-S100BS)	
	TiNS-6678MEZZ	M	Operation Manual (25L-S180B)	AD
	TiNS-6677MEZZ	M	Operation Manual (25L-M180B)	AD
	TiNS-6679MEZZ	M	Operation Manual (27L-S180B)	AD
	TiNS-6681MEZZ	M	Operation Manual (32/36L-S400B)	AD

PACKING PARTS
(NOT REPLACEMANT ITEM)

	SPAKC6529PEZZ	–	Packing Case (13L-M100B)	—
	SPAKC6530PEZZ	–	Packing Case (13L-M150B)	—
	SPAKC0113GJZZ	–	Packing Case (19L-M100B/100BS)	—
	SPAKC0112GJZZ	–	Packing Case (20L-S100BS)	—

SHARP

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